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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO. CONFIRMATION NO.	
10/765,293	01/27/2004	James A. Zagzebski	1512.023	9187
	7590 07/14/200 RICKSON S.C.	EXAMINER		
840 North Plan	kinton Avenue	SHAHRESTANI, NASIR		
MILWAUKEE	, W1 33203		ART UNIT	PAPER NUMBER
			3737	
			NOTIFICATION DATE	DELIVERY MODE
			07/14/2009	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@boylefred.com

SUPPLEMENTAL Notice of Allowability

Application No.	Applicant(s)	
10/765,293	ZAGZEBSKI ET AL.	
Examiner	Art Unit	
NASIR SHAHRESTANI	3737	

NASIF	SHAHRESTANI	3737	
The MAILING DATE of this communication appears on All claims being allowable, PROSECUTION ON THE MERITS IS (OR RE herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. of the Office or upon petition by the applicant. See 37 CFR 1.313 and MF 1. This communication is responsive to response filed 11/18/2008.	MAINS) CLOSED in this ap appropriate communication This application is subject to	plication. If not include will be mailed in due	ed course. THIS
2. ☑ The allowed claim(s) is/are <u>1,5-21,25-30 and 32-48</u> .			
3.	eceived. Eceived in Application No E have been received in this communication to file a reply this application. The attached EXAMINER In(s) why the oath or declarate mitted. The attached Examiner (PTO- Iment / Comment or in the Comment or in the Comment or in the Comment or on the drawing recording to 37 CFR 1.121(IOLOGICAL MATERIAL In the Comment or Incomment o	national stage applical complying with the reconstruction is deficient. 948) attached office action of the dolor in the front (not the dolor in the submitted. It is not to be submitted.	quirements OTICE OF
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. Notice of Informal F 6. Interview Summary Paper No./Mail Da 7. Examiner's Amendr 8. Examiner's Stateme 9. Other	(PTO-413), te ment/Comment	wance

Application/Control Number: 10/765,293 Page 2

Art Unit: 3737

EXAMINER'S AMENDMENT

(Supplemental)

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Keith M. Baxter on 07/06/2009.

The application has been amended as follows:

1. (currently amended) An ultrasonic elastography system comprising:

an ultrasonic transducer system adaptable configured to provide a set of echo signals from at least two different angles over a plurality of voxels in a region of interest, the set of echo signals including first echo signals taken with tissue of the region of interest substantially at rest in a first compressive state and second echo signals taken with tissue of the region of interest substantially at rest in a second compressive state; and each echo signal associated with a single different angle;

a memory device wherein the echo signals are stored for subsequent processing; a processor executing a stored program to combine at least portions of echo signals from the different angles through a voxel, after they have been stored in the memory device, to produce at least one compounded strain measurement for the voxel in the region of interest along a predetermined single given angle, the compounded strain

measurement being produced by determining relative displacement in time of the portions of the echo signals to deduce displacement between tissue between the first compressive state and the second compressive state; and

a graphic display communicating with the processor to receive and display the compounded strain measurement on the graphics display for viewing by a user of the ultrasonic elastography system.

25. (currently amended) The method of claim-22 21 wherein step (d) receives the different angles of the ultrasonic echo signals underlying the compounded strain measurement to convert strain measurements derived from the ultrasonic echo signals underlying the compounded strain measurement to equivalent strain measurements along a predetermined strain axis of the single given angle; and

combines the equivalent strain measurements to produce the compounded strain measurement.

31. (canceled)

The following is an examiner's statement of reasons for allowance:

The prior art of record does not teach nor suggest each of multiple axes of elasticity be derived from two angles of echo data while combining echo signals taken at two different angles into an elastography measurement having a single direction.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NASIR SHAHRESTANI whose telephone number is (571)270-1031. The examiner can normally be reached on Mon.-Thurs: 7:30-5:00, 2nd Friday: 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Casler can be reached on 571-272-4956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/BRIAN CASLER/ Supervisory Patent Examiner, Art Unit 3737

/Nasir Shahrestani/ Examiner, Art Unit 3737